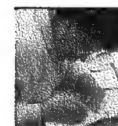


FOLIO

UNIVERSITY OF ALBERTA
7 OCTOBER 1994

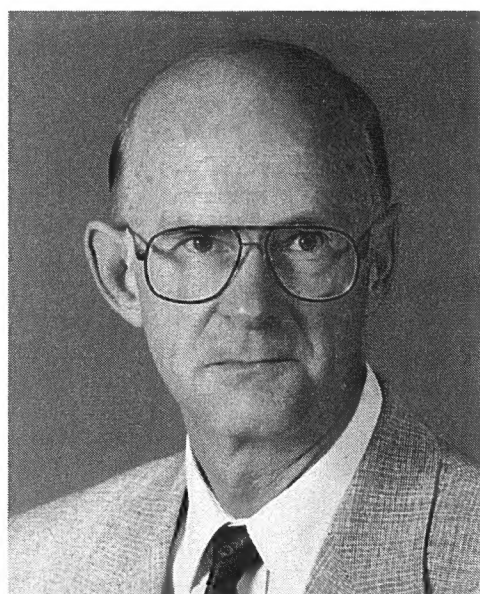


INSIDE

- Joint BEd with Grande Prairie making strides (p2)
- Alan Welch lives and breathes Timms Centre (p3)
- Law Centre opens unique office (p4)

McDonald leaving senior administration

By Folio staff



John McDonald

John McDonald is resigning from the University administration.

In a surprise move last Wednesday, Dr McDonald, Vice-President (Academic) and Acting President, announced that he would step down on 31 December when his term as Acting President is completed.

"It has been an honour and a privilege to have served the University community during this time of massive change, exciting opportunity and formidable challenge," he stated in a letter to the University's constituent bodies. "I feel that I have done what I could as Vice-President (Academic) under these circumstances and that, in the new year, it will be time for me to return to the pursuit of my professional interests in research and teaching."

Dr McDonald, a Professor of Physics and former Dean of Science, has been Vice-President (Academic) since September 1991 and Acting President since 1 July of this year.

Fibre optic cable links Universities of Alberta and Calgary

Interactive video classrooms open in two locations here

By Michael Robb

Students at the University of Alberta are now able to take some courses taught by University of Calgary professors without ever setting foot on their southern neighbour's campus. As well, U of C students are able to take courses taught by U of A professors without leaving their campus.

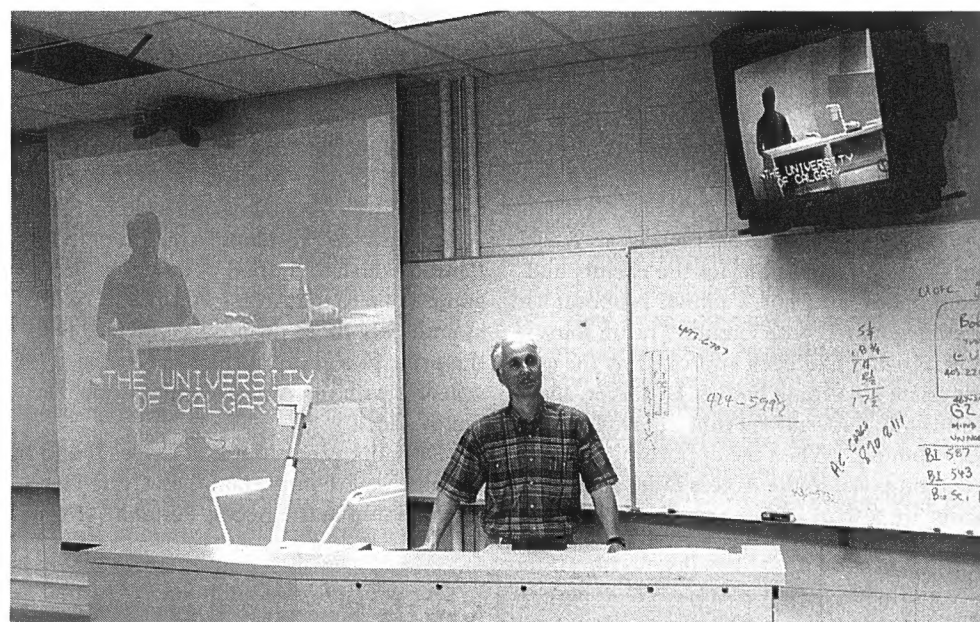
Professors aren't wasting any time taking advantage of the recently installed technological wizardry to offer courses. This term, Anthropology Adjunct Professor Michael Wayman (Mining, Metallurgical and Petroleum Engineering) is teaching Anthropology 441 in Room 231 of the Civil-Electrical Engineering Building – a 60-seat, tiered room, recently equipped with the latest in audio and video equipment. Another, albeit smaller, room (205) in the Administration Building has been similarly equipped.

"This is really exciting," says Dr Wayman. "I expect the first few classes will be hit and miss, but in the long run this will be incredibly valuable."

"This distance education site [in Room 205] is also compatible with hundreds of other sites around the world," says Phil Haswell (Electrical Engineering), who, along with Registrar Brian Silzer, oversaw the transformation of the rooms into high-tech classrooms. Room 231 is connected by high speed fibre optic cable to the U of C. Room 205 utilizes the public switch network.

"It's now possible to simultaneously teach a course to two classes, one here and one at the U of C," says Silzer.

Students at the two universities will be able to take courses in the high-tech facility that they may not be able to get at their own institution. For example, Dr Wayman's course is probably the only such course taught in Canada, says Anthropology Chair David Lubell. Next term, well-known U of A researcher Owen Beattie will teach a forensic anthropology course in Room 231; stu-



On-line with the University of Calgary: Phil Haswell in 231 Civil-Electrical Engineering Building.

dents in Calgary will be able to enroll and take the course and get credit from the U of C.

Two Electrical Engineering courses originating here are being given this term in the new facilities, one taught by John Salmon and the other by Wayne Grover. U of C students will be taking the courses. In turn, the U of C's Ed Nowicki is teaching an electrical engineering course that U of A students will take.

It's no accident that the Anthropology Department is one of the first departments on campus to use the new facility. It's had a long-standing, collegial relationship with the U of C's Archaeology Department. And this summer the two departments' chairs discussed the problems they were having teaching courses at a time of dwindling resources. That led to a discussion about how the new audio-video facilities could potentially alleviate some of those problems.

"This really increases access," Silzer points out. And as more and more compatible sites are established in the province, the access for rural students increases, adds Haswell.

There will be other uses. Off-campus co-supervisors will be able to sit in on oral examinations without ever having to buy an airplane ticket and administrators will be able to hold meetings with their counterparts.

Towards the end of the term, professors who want to practice with the technology before offering their courses will be able to use the two rooms to conduct trial runs. In effect, having the two classrooms connected serves as a living pedagogical laboratory. And courses offered by other institutions can be picked off satellites and broadcast here and in Calgary.

The contract was jointly tendered with the U of C. The contractor, Applied Electronics Ltd, has set up similar sites at the Universities of Guelph, Waterloo and McMaster. The U of A facilities were funded by unrestricted private gifts to the President's Fund; Room 231 cost approximately \$200,000; Room 205 cost approximately \$86,000.

Major review of graduate studies and research set to begin

University has to be more selective in programs it supports – FGSR Dean Murray Gray

By Michael Robb

A major review of the University of Alberta's graduate programs and research is now getting under way. Twelve departments and/or Faculties will be the first to conduct external reviews.

The Departments of Chemistry, Economics, Educational Psychology and Technology, Elementary Education, Human Ecology, Mechanical Engineering, Philosophy, Secondary Education and Sociology;

the Faculties of Nursing and Pharmacy and Pharmaceutical Sciences; and the School of Library and Information Studies will be conducting external reviews beginning in January.

"The key document that kicked this off was *Degrees of Freedom*, the University's strategic plan," says Murray Gray, Dean of the Faculty of Graduate Studies and Research.

The plan recommended that the University develop a process for evaluating the quality of graduate programs. Those findings would then serve as the basis of a review of the suitability, size and depth of the University's various graduate programs. The plan suggested that only programs of superior quality be supported.

"One key change from the PACCR [President's Advisory Committee on Cam-

Continued on page 2

OPEN HOUSE

The campus is invited to attend an open house of the new, interactive video classrooms on **Thursday, 20 October, from 4 to 6 pm**. The open house features tours and on-line demonstrations of the state-of-the-art facilities including the recently renovated multi-media lecture theatre in the Physics Building. Tours will originate from 126 Physics Building.

BEd with Grande Prairie one step closer

University well prepared for other submissions to Access Fund

By Sandra Halme

The Faculty of Education's proposal to offer a collaborative degree completion program with Grande Prairie Regional College (GPRC) is one step closer to reality. It was one of 17 proposals chosen, from a total of 62, to proceed to the next stage of judging to determine who will share in the \$1.6 million available in Cycle I of the Access Fund.

The proposal calls for students who have completed the first two years of education at GPRC to complete their final two years of the University's education degree program without having to leave their home campus. The University submitted a bid for about \$600,000 that would cover the costs of the program minus \$135,000 generated from tuition fees.

The pilot project received approval at the 3 October meeting of GFC. If the program is successful in this first round then it, or at least several courses, will likely be operational by 1 January 1995. The government is expected to announce who will share in Cycle I money by the end of October.

According to Anne-Marie Decore, Assistant Dean of Admissions for the Faculty and the proposal's author, a similar proposal had been negotiated with Grande Prairie some time ago and had been approved by the appropriate governing bodies. However, she points out, government funding was not forthcoming. "When the opportunity to submit a proposal to the Access Fund came about we reworked our original proposal

and submitted it." Dr Decore is hopeful that if the proposal is successful, and the program works well, it will receive long-term funding.

Harvey Zingle, Dean of the Faculty of Education, says he's proud of the leadership role that the Faculty is taking. "It is an exciting educational development for us and for those students in Grande Prairie who wouldn't normally have an opportunity to complete a bachelor of education in their home territory. We recognize the need to provide alternative delivery systems and this project, if accepted, would meet this need."

The collaborative BEd proposal was the only U of A submission in the first round. "Timelines for Cycle 1 were exceedingly short," said Roger Smith, Acting Vice-President (Academic), "and we already had approval and considerable support for the collaborative BEd proposal." Dr Smith explains that submissions to Cycles II and III will be identified by the President's Executive Committee (PEC) from those found in "Not to the Coyotes" (the document prepared by former Associate Vice-President (Academic) Lynn Penrod which identified potential projects for submission to the Access Fund). PEC will submit only those proposals which fit with the principles and priorities in *Degrees of Freedom* and with the Access Fund criteria, Dr Smith adds.

Dr Smith points out that Cycles II and III are much more important than Cycle I (the total amount in the Access Fund is \$47 mil-

lion). The deadline for submissions for Cycle II is 17 October, with \$16.9 million to be allocated. Cycle III will see \$28.5 million allocated; the deadline is 15 January 1995.

To date, PEC is looking at submitting 17 proposals to Cycle II, including: the industrial internship program in Science; a new undergraduate stream in environmental engineering within the Department of Civil Engineering; increased access to the bachelor of design program; a quota increase for criminology; increased access for nonbusiness students to business courses; expansion of the Coop Chemical Engineering program; and increased access for aboriginal students through an expanded Transition Year Program and additional spaces in Faculties.

The University is already looking at Cycle III submissions. These include: increased access to a part-time degree program; infrastructure for a networked multimedia system which links 22 postsecondary institutions in the province; and a service model for off-campus library services.

Dr Smith emphasizes that PEC strongly encourages additional proposals and that the University hopes to submit as many proposals as possible to Cycle II. "We're hoping that those ideas not successful can be resubmitted as part of Cycle III. Timelines for Cycle III may permit a broader range of alternative processes to be considered for submission."

CURRENTS



Aboriginal Health Day

The Faculty of Medicine's Fourth Annual Aboriginal Health Day will be held 11 October at 11 am in Bernard Snell Hall, Mackenzie Health Sciences Centre. The speaker will be Ethel Blondin-Andrew, MP for the Western Arctic and Secretary of State for Training and Youth. She will address the issue of training opportunities for aboriginal youth as exemplified by the Native Health Care Careers Program in the Faculty of Medicine.

Blondin-Andrew is a Dene Indian born in Fort Franklin, NWT. She holds a BEd from the University of Alberta, as well as permanent teaching certificates from Alberta and the NWT.

Lesbian, Gay and Bisexual Studies Coalition

The next meeting of the Lesbian, Gay and Bisexual Studies Coalition is scheduled for Wednesday, 12 October, at 5 pm in 4-29 Humanities Centre.

Application deadline: EFF - University Teaching Research Fund

The deadline for receipt of applications to the Endowment Fund for the Future - University Teaching Research Fund - is 15 October 1994. Application forms are available from University Teaching Services, 215 CAB. Telephone 492-2826.

FOLIO

Volume 32 Number 7

OFFICE OF PUBLIC AFFAIRS,
400 ATHABASCA HALL
UNIVERSITY OF ALBERTA, EDMONTON,
ALBERTA T6G 2E8
TEL: (403) 492-2325 FAX - 492-2997
PROFS - ZZOPA

All enquiries and correspondence should be directed to:
RON THOMAS: EDITOR
MICHAEL ROBB: ASSISTANT EDITOR

CONTRIBUTORS:

Judy Goldsand
Dinah Gray
Sandra Halme
Tony Myers
Elsa Roehr
Astrid Sneddon

Graphic Design: Ray Au

Public Affairs produces *Folio* on a regular basis for employees and volunteers at the University of Alberta.

Folio's mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Classified advertisements: 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 40 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Friday, seven days before desired publication date. Camera-ready artwork is required to size, complete with halftones if necessary. Call 492-0436 for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in *Folio* do not necessarily reflect University policy. *Folio* contents may be reprinted with acknowledgment.

ISSN 0015-5764 Copyright 1994

Sixth Super Saturday a smash

By Astrid Sneddon

"Very informative!" "It's great to hear what's happening at the University of Alberta."

These and other positive declarations were heard in the heart of campus 1 October as the public circulated from classroom to classroom during the sixth annual Super Saturday. The five-hour (10-3) event, whose basis is nontechnical lectures by faculty members, was sponsored by the Office of

Public Affairs. The combination of effective speakers and enquiring listeners resulted in lecture halls being filled to capacity.

According to Tamie Heisler, coordinator of Super Saturday, attendance was up and visitors were enthusiastic. The parking lot set aside for Super Saturday visitors was full by noon, a pleasant surprise in view of the poor weather.

As in previous years, volunteers were provided by Students' Orientation Services (SORSE). "They were a godsend," Heisler said of the 21 current U of A students who gave up their Saturday to guide visitors around campus. SORSE Director Kevin Friesse felt that the success of the event could be attributed in large measure to the cooperation between Faculties, the administration, the Office of Public Affairs, and students.

Major review

Continued from page 1

pus Reviews] process is that we're not just talking about improving all units, we're talking about being selective," Dr Gray says. "We have to select which programs are excellent, which are not, which are close to being excellent and which are so far away that there's no hope."

Six factors will be considered in evaluating the quality of the graduate programs and research: the excellence of students in the program and graduates from the program; excellence of faculty; quality and impact of the research and creative work done by faculty and graduate students; quality of the research environment; quality of the instruction of graduate students; and, management of graduate programs.

"There's no expectation that every program has to be strong in every one of these areas.

"Graduate studies and research go together hand in glove," says the Dean. "You can't separate the two. And that's why we've decided to work directly with Vice-President (Research) Martha Piper, to

make sure we look at both areas in a meaningful way.

"If you look at other jurisdictions such as Ontario, where graduate programs are regularly reviewed, faculty members and research are also reviewed. We borrowed what we thought was particularly useful from the Universities of Calgary and British Columbia, universities that conduct regular reviews of graduate studies and research."

Data will be collected by the department, FGSR and Vice-President (Research). "We're going to be providing draft data to the departments by the end of September, and they'll have an opportunity to comment if there are any errors. We want the information that goes out to the review committee to be as correct as we can possibly make it." The department prepares a report for an external review committee (those committees are being selected now) as part of the assessment.

The review committee reads the department report, visits campus and meets with graduate students, faculty, staff and administrators to finish gathering information. It then writes its report on the department; the report will have two parts, a public review

document, available to the University community, and a confidential report. The confidential report will deal with personnel issues. "Individuals deserve confidentiality, departments do not," Dr Gray says.

But what happens next? "We're still in the process of determining what the most constructive way of following up will be. In the PACCR process, the department wrote a rebuttal - reports responding to reports. I see that as a waste of effort. We're still discussing this issue with the Vice-Presidents, but I think what we need to do is provide a meaningful opportunity for the department to respond to the report and try and come to some kind of resolution with the administration as to what the implications of the report are to the department."

The Ontario system is set up to determine whether programs meet minimum standards, much like an accreditation process. "We'd like to think every program meets minimum standards, but now the minimum isn't good enough," Dr Gray says.

He expects all the University's graduate programs and research could be reviewed within five years, if 12 to 14 are done annually.

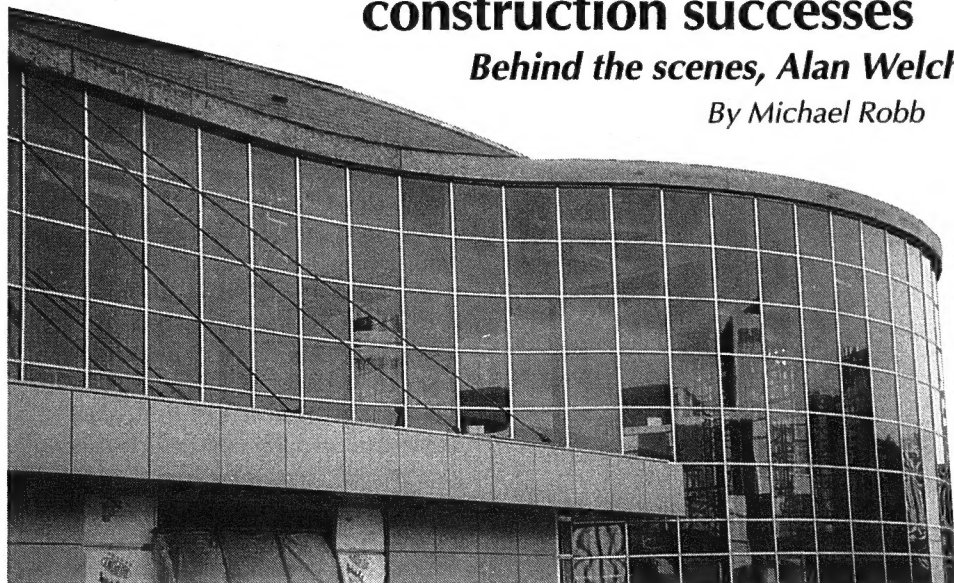


University
of
Alberta

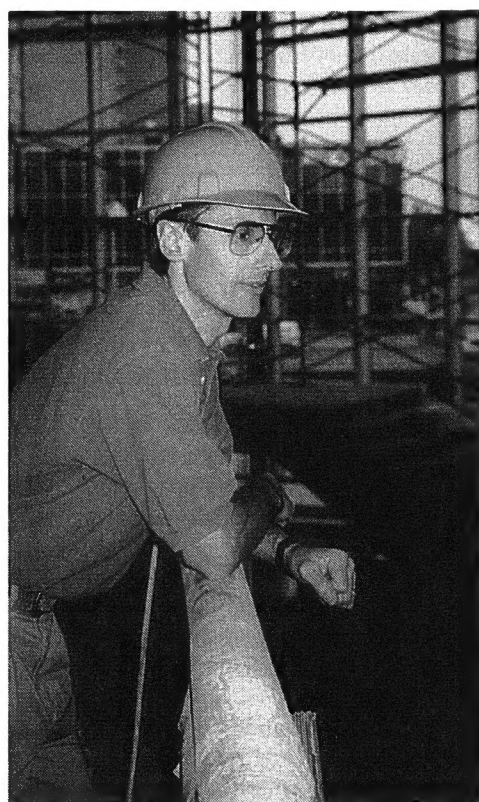
Drama's APO shuns limelight, credits others for Timms Centre's construction successes

Behind the scenes, Alan Welch attends to every detail, earns loyalty of staff

By Michael Robb



Photos by Michael Robb



Alan Welch, Drama APO

Committed, honest, direct, loyal, and a key player in ensuring the construction of the Timms Centre for the Arts has gone so well. That's how Administrative Professional Officer Alan Welch is described by his colleagues in the Department of Drama.

The soft-spoken, 17-year veteran of one of the best departments of its kind in the country is, however, uneasy with the description. He sees his role differently: "I felt I've been the eyes and ears of the department throughout the process, ensuring that the department's wants and needs are properly voiced."

On one point there is undisputed agreement between Welch and his colleagues: he's doing it for the love of it. In the preliminary planning stages, every drawing was checked and double-checked by Welch, explains Carl Hare, the former chair of the department. And once the sod was turned, Welch became the project's "unofficial site manager." Throughout the construction, which is nearing completion, Welch acted as the liaison between the University's Planning and Development Department, the architect and the Drama Department.

"The department felt I could work well with others and that triangle became very important," says Welch, pointing out that much of the expertise he drew upon resided in the department. Whenever he had a question, he could turn to the department's faculty and staff. "There's a huge resource there." But David Barnett, Chair of the Department, and Professor Hare, point out that, increasingly, people turned to Welch for answers – and he had them.

Welch routinely put in 80-hour work weeks. Sometimes he found himself in the emerging shell of a building at 11 pm. Deadlines simply had to be met. He says he didn't find it difficult to keep going, however. "I can't really explain it; it's such a high. It's been so satisfying to have faculty and staff walk through the building and say, 'yes, that's what we wanted.'"

Nor has maintaining standards been difficult. Welch says he's simply emulated the standards that Drama faculty have set for themselves. "That's something you can tie into. You use that and make sure your own work meets those standards." Adds Dr Barnett, "Alan's priorities are so clear."

"We pushed function over form right from the beginning," Welch says about a \$12.5 million building that was made possible by a \$4 million bequest from Albert Timms, 75th anniversary campaign donations and matching funds from the provincial government.

"More than anything else, it had to be a good teaching facility," he says, acknowledging that there were compromises. They (Drama) wanted a dedicated crossover for the main stage. It ended up serving additional purposes. The scenery storage space was cut in half. And one of the stage wings was cut in size. But Welch doesn't agonize over those compromises. No matter what

building is built, inevitably there will be compromises, he says.

In effect, Welch has had a trial run. "Corbett Hall [renovations] was a training ground," says Professor Hare, recalling the key role Welch played in that late-1980s renovation project to transform Studio Theatre into a functional theatre.

"It was a dress rehearsal," says Welch.

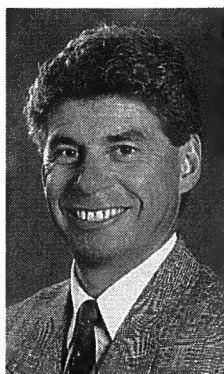
Welch came to the department with an eclectic set of skills, honed in seemingly disparate worlds. His interest in the theatre was sparked and nurtured in his Saskatoon high school. Touring the province with the theatre, he learned a bit about everything, he says. After he graduated from high school, he enrolled in an electrical engineering technology program at NAIT and in his spare time he worked as a volunteer in the University's Department of Drama.

After finishing his studies, he signed on with an American contractor during the construction of the Imperial Oil plant on refinery row. Then, for four years, he worked for Syncrude in its Edmonton office. "They were going to transfer me up to Fort McMurray, but I wanted to stay." Once again he looked to the theatre. He applied for a technical demonstrator's position with the Department of Drama, and got it. Four years later he was appointed APO.

Reflecting on the past few years, Welch knows he's one of only a few people in the country privileged enough to have had this experience. "How many people actually get to put together a building of this nature?" he asks. Once the ribbons are cut, and theatre productions begin, faculty and staff will be able to draw upon the expertise of someone who knows what's behind every wall and under every floor. But it's more than that. His colleagues say Welch has an idea of the whole, a comprehensive conception of how it all fits together.

Acting Director of Development

John McConnell, Vice-President (Development and Community Affairs), has announced the appointment of Dale Schulha as Acting Director of Development. Dale will have overall responsibility for the private fund-raising programs and staff in the Development Office.



Dale Schulha

Since January 1994, Dale has been Senior Development Officer in the Development Office and has focused on personal solicitation of major gift prospects. Prior to that, Dale served the University of Alberta for eight years in the Department of Athletics, the past four years as Chair.

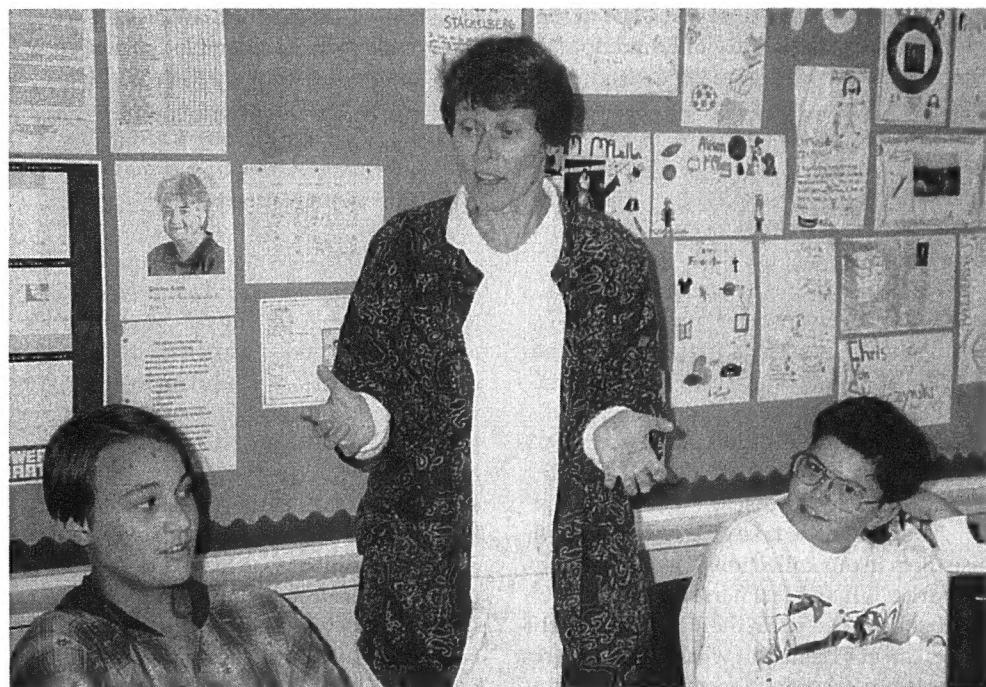
Bondar receives hero's welcome

Popular figure on campus and off

By Dinah Gray

Roberta Bondar accepts but two public speaking engagements per year and one of this year's was the Henry Marshall Tory Lecture. The event, which is sponsored annually by The Friends of the University of Alberta, took place 29 September in Myer Horowitz Theatre. After a warm introduction by Chancellor Lou Hyndman, she spoke to more than 600 people on the topic, "Where out of this world are we?"

She spent the morning on campus and visited briefly with Acting President John McDonald, Ellie Prepas, Director of the Environmental Research and Studies Centre, and out-going Dean of Medicine Doug Wilson and a group of colleagues from the Faculty of Medicine. In the afternoon Dr Bondar visited Renie Lubert-Wolodko's Grade 8 science class at Laurier Heights Junior High School where she discussed her time on the space shuttle "Discovery" with a keen audience. Before leaving the school Dr Bondar addressed the 260-member student body.



Dinah Gray

Roberta Bondar gives a first-hand account of life aboard the space shuttle "Discovery" to students at Laurier Heights Junior High School.

Mosmann awarded international prize

Research sheds light on immune system

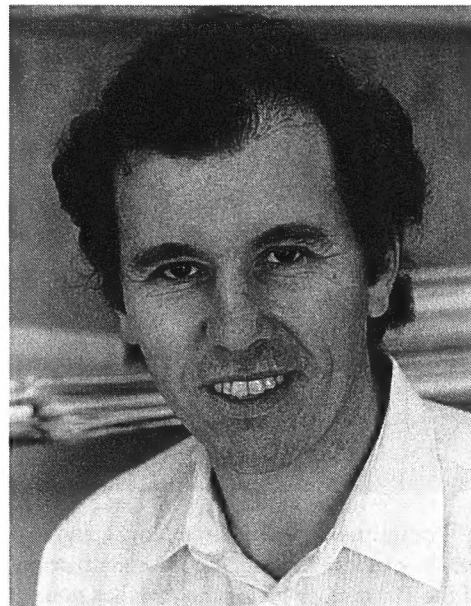
By Judy Goldsand

Tim Mosmann, Chair of Immunology, has just returned from Constance, Germany where he was presented with the Avery-Landsteiner Prize for excellence in the field of immunology. This international prize, which is awarded biannually by the German Society for Immunology, was given in recognition of Dr Mosmann's delineation of two types of cells that control many of the body's immune responses. Previous recipients of the Prize include several Nobel laureates and other world-renowned scientists.

Dr Mosmann explains that the body's immune system fights infectious agents in different ways. It has been known for many years that infections can be controlled either by antibodies or by immune cells that kill infected cells. During the 1980s, it was found that particular immune cells, called helper T lymphocytes, regulate both types

of immunity. In the mid-'80s, Dr Mosmann found that different helper T lymphocyte subsets controlled antibody- and cell-mediated types of immunity. He discovered that the regulatory proteins (cytokines) produced by the different helper T lymphocytes determined the nature of the immune response to infection. This finding was a breakthrough in understanding how the immune system operates.

A few years after joining the University of Alberta as a junior staff member in 1977, Dr Mosmann went to DNAX, a research institute in Palo Alto, California where his initial work in cytokines was done. Since returning to the University of Alberta in 1990, he has continued research into characterizing the two types of cells, aided by substantial grant funding from the Medical Research Council of Canada and from the Howard Hughes Medical Institute.



Tim Mosmann

RESEARCH PROPOSALS ON IMPAIRED DRIVING INVITED

The Department of Sociology invites research proposals to carry out studies on any aspect of impaired driving. Interest from an endowment made by REID (Research and Education on Impaired Driving) and matched by the provincial government will be used to fund the successful research proposal(s). The maximum amount available this round is about \$13,500 which may be used to fund one research project; or divided between two (or more) smaller projects. The competition will be adjudicated by a panel of five (three from the University and two from the contributing organization). The competition is open to any University member conducting research relating to impaired driving.

Proposals should be forwarded to: Baha Abu-Laban, Chair, Department of Sociology, University of Alberta, 5-21 Henry Marshall Tory Building. The competition closes 28 February 1995.

Rodney Schneck, 'Dean of Deans'

By Sandra Halme

Rodney Schneck is the new chair of the Canadian Federation of Deans of Management and Administrative Studies (CFDMAS). He was elected to the position at the federation's annual meeting by his fellow business school deans from across Canada. His two-year term of office began 1 July.

Dean Schneck is looking forward to working closely with his national colleagues and says the next two years will be challenging. "The restructuring which is happening at the University of Alberta is reflected across the country. I hope the work of the federation will help business schools better serve our multi-constituents."

Founded in 1976, CFDMAS is a professional association for all the deans and directors of faculties of business and manage-

ment in Canada. Its purpose is to foster the development and improvement of management education, research and scholarship in university faculties of management and administrative studies in Canada. CFDMAS pursues this purpose through a variety of means including committees, conferences and publications.

The federation has a membership of 46 university-level business schools representing approximately 2,400 faculty members and 120,000 students. There are currently 50 university-level business faculties and schools, each of which offers undergraduate programs. Thirty-five offer programs at the master's level (27 have a MBA program) and 15 provide doctoral education. In Canada, business programs capture about 13.7 percent of total university enrollment.



Rodney Schneck

Stanley Sandler ICI lecturer

Chemical Engineering's 1994 Distinguished Visiting Lecturer

This year's 1994 ICI Distinguished Visiting Lecturer is Stanley Sandler, the HB du Pont Professor of Chemical Engineering and Professor of Chemistry at the University of Delaware.

The director of the Centre for Molecular and Engineering Thermodynamics will deliver two lectures, 20 and 21 October, in 344 Chemical-Mineral Engineering Building.

The first lecture will address the application of thermodynamics to environmental problems; the second lecture will address modelling the thermodynamic behaviour of complex mixtures.

Turn-of-the-century law office opens

Important to instill sense of history, says Law Librarian Lillian MacPherson

By Michael Robb

What was it like to practice law at the turn of the century in Edmonton? Step into Room W-236 on the main floor of the Law Library and find out. Sit down at the oak roll-top desk, purchased and brought to the province by the musicians' union in 1907. Skim through lawyers' calendars. Feel the weight of any one of a number of substantial legal treatises.

Mr Justice John Cormack loved books, and for years he kept his father's library intact. Before he died in 1991, he asked the Faculty of Law whether it could use his father's books. His father, also named John, became a member of the Yukon bar in 1903 and had practiced law in Edmonton with Noel, Noel and Cormack.

"Normally, we take gifts only if we can use them in our collections," explains Law Librarian Lillian MacPherson. Some of the 110 books ended up in the stacks, where students can use them. But where to put the rest of these typical practitioners' tools, these British and American legal treatises?

"I was keen to keep them together," she says.

So, the Faculty turned to the Alberta Law Foundation with an idea. Why not cre-

ate a turn-of-the-century law office - something which would resemble Cormack's own Edmonton office - within the Law Centre. Put the books in the room, and create a link with the past.

With the assistance of a grant of about \$24,000 from the Foundation, the project took shape.

The books were restored, a massive desk was purchased from a local antique shop and Physical Plant staff went to work on the room's floors, walls and door, recreating the past. Appropriate light fixtures were found that once hung in the Arts Building - remnants of the University's history, MacPherson points out. Bookcases, a pendulum wall clock (circa 1910) and a library table were found. And an old oak document cabinet was loaned to the Faculty. MacPherson, Melanie Bolstler and Caron Rollins scoured the province and beyond for authentic pieces that would be found in a typical turn-of-the-century law office.

A lawyer's seal and wire wastepaper basket haven't been found yet. And the room won't be complete without either the



Law Librarian Lillian MacPherson, sitting, and Melanie Bolstler examine lawyers' journals in the turn-of-the-century law office.

image of Queen Victoria or King Edward VII hanging from its walls.

"We'll use this room as a showpiece for the kinds of materials and information lawyers had at hand in 1905," MacPherson explains. A sign will be hung outside the room, and the Faculty is discussing ways it

will make the room accessible to staff and students. The room, which was officially opened last Saturday during Reunion Weekend, will be used by short-term visitors to the Faculty, for example, visiting professors. There will be an open house on 27 October from 10 to 6.

AGRICULTURAL, FOOD AND NUTRITIONAL SCIENCE

11 October, 12:30 pm
Suzy Rogiers, "The Flavor Savor Tomato." 1-30 Agriculture-Forestry Centre.

ANATOMY AND CELL BIOLOGY

11 October, 4 pm
Richard Fedorak, "Regulation of Glucose Transport Across the Small Intestine." 5-10 Medical Sciences Building.

BIOLOGICAL SCIENCES

7 October, 3:30 pm
Jim Rice, Department of Zoology, North Carolina State University, "An Individual-Based Approach to Fish Survival and Recruitment: The Importance of Body Size, Growth Rate Variation and Size-Dependent Predator-Prey Interactions." M-149 Biological Sciences Centre.

14 October, 3:30 pm
Rich Moses, "Intrasexual Competition and Reproductive Success in Female Busy-Tailed Woodrats." M-149 Biological Sciences Centre.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

18 October, 7:30 pm
Oleh Hawrylyshyn, George Washington University, Washington, D.C., "The Political Economy of Reform and Ukrainian Independence." Heritage Lounge, Athabasca Hall.

CHEMICAL ENGINEERING

13 October, 3:30 pm
Bill Eckert, "Consolidation of Fine Tails." 342 Chemical-Mineral Engineering Building.
20 October, 3:30 pm
Stanley I Sandler, University of Delaware, "The Application of Thermodynamics to Environmental Problems." 344 Chemical-Mineral Engineering Building.

CHEMISTRY

17 October, 11 am
Shô Itô, Dean of Pharmaceutical Sciences, Tokushima Bunri University, Tokushima, Japan, "Syn(2.2)metacyclophanes." V-107 Vwing.

COMPUTING SCIENCE

17 October, 3:30 pm
Ian Akyildiz, professor, Electrical and Computer Engineering, Georgia Institute of Technology, "Information Superhighway in the United States." 2104 Dentistry-Pharmacy Centre.

ECOLOGY

14 October, noon
Ross Wein, "Fire Climate Change - Vegetation Response Hypotheses." G-208 Biological Sciences Centre.

ENGINEERING

20 October, 3 pm
1994 ICI Distinguished Visiting Lecturer. Stanley Sandler, the HB du Point Professor of Chemical Engineering and professor of chemistry, University of Delaware, and director of the Center for Molecular and Engineering Thermodynamics, "The Application of Thermodynamics to Environmental Problems." 344 Chemical-Mineral Engineering Building.
21 October, 3 pm
Dr Sandler, "Modelling the Thermodynamic Behavior of Complex Mixtures." 344 Chemical-Mineral Engineering Building.

TALKS



FACULTY OF MEDICINE

13 October, 5 pm
The Walter Mackenzie Visiting Professor Lecture. J Fraser Mustard, president, The Canadian Institute for Advanced Research, "Technological Change, Economic Growth and our Future, Prosperity, Health and Well-Being." Bernard Snell Hall, Mackenzie Health Sciences Centre.

FINANCE AND MANAGEMENT SCIENCE

7 October, 3:30 pm
Liang Zou, associate professor of finance, Department of Financial Management, Faculty of Economics and Econometrics, University of Amsterdam, "Fringe Benefits." 4-16 Business Building.

GEOGRAPHY

14 October, 3 pm
John Wilson, "Windflow Through a Forest on a Ridge." 3-36 Tory Building.

GEOLOGY

11 October, 11 am
David McConchie, Centre for Coastal Management, East Lismore, NSW, Australia, "Colloidal Iron-Oxyhydroxides as Chemical Conveyors for the Environmental Transfer of Heavy Metals." 1-04 Earth Sciences Building.

13 October, 11 am
Stephen E Kesler, Department of Geological Sciences, University of Michigan, Ann Arbor, "New Developments in Mississippi Valley Research - Insights from Appalachian and Mid-continent Deposits." 1-04 Earth Sciences Building.

HISTORY

13 October, 3:30 pm
The Lewis H Thomas Distinguished Speaker. Donald Akenson, Department of History, Queen's University, "The Concept of Diaspora in English-Canadian Historiography." 2-58 Tory Building.

14 October, 3 pm
Dr Akenson, "The Making of the Greatest Living Irishman - Conor Cruise O'Brien." 1-05 Business Building.

LINGUISTICS

14 October, 3 pm
Anthony Hurren, Oxford University, "The Vowel Phonemes of Modern English." 4-70 Assiniboia Hall.

LIMNOLOGY AND FISHERIES DISCUSSION GROUP

13 October, 12:35 pm
Annette Trimbee, section head, Environmental Evaluation Section, Alberta Environmental Protection, "Science, Policy, and Reality: Instream Protection." G-116 Biological Sciences Centre.

MUSIC

21 October, noon
Marc Honneger, University of Strasbourg, "The Protestant 'Chorale': A French Creation in the 16th Century." 2-32 Fine Arts Building.

PERINATAL RESEARCH CENTRE

11 October, noon
BF Mitchell, "Decidua Regulates the Timing of Human Parturition." 2J4.02 Mackenzie Health Sciences Centre.
18 October, noon
Anthony P Cheung, "Clinical Management of Female Reproductive Problems." 2J4.02 Mackenzie Health Sciences Centre.

PETER JACYK CENTRE FOR UKRAINIAN HISTORICAL RESEARCH

19 October, 3:30 pm
Andre Kreutz, Political Science, University of Calgary, "Polish-Ukrainian Dilemmas: A Difficult Partnership." 352 Athabasca Hall.

PHILOSOPHY

13 October, 3:30 pm
Brian McLaughlin, Rutgers University, "Dennett's Behaviorism." 4-29 Humanities Centre.

POLITICAL SCIENCE AND GERMANIC LANGUAGES

20 October, 2 pm
Klaus Schmidt, first secretary, Embassy of the Federal Republic of Germany, "Germany After the Elections."

RENEWABLE RESOURCES

13 October, 12:30 pm
Bob Hudson, "Nutritional Ecology of Wapiti." 2-36 Earth Sciences Building.
20 October, 12:30 pm
Bill McGill, "QSAR: From Designing Chemicals to Attenuating Their Movement in the Environment." 8-21 General Services Building.

RESEARCH SEMINARS IN EARLY WOMEN

18 October, noon
Monique Tschöfen, "François de Graffigny's Exotic Novels." Senate Chamber, Arts Building.

RURAL ECONOMY

11 October, 1:15 pm
Martin Delgado, director general, Centre de Investigació y Desarrollo de los

Recursos Naturales de Sonora, Mexico, "The Sonoran Model of Economic Development." 519 General Services Building.

SCHOOL OF LIBRARY AND INFORMATION STUDIES

18 October, noon
Toni Samek, visiting assistant professor, "Exploring the Culture and Politics of Librarianship: A Dissertation in the Making." 3-01 Rutherford South.

SLAVIC AND EAST EUROPEAN STUDIES

19 October, 3 pm
Peter Rolland, "Ad patrios Lares: Simaon Polacki's Letters to his Belarusian Friends." 436 Arts Building.

SOCIOLOGY

12 October, noon
Jim Hackler, "The Pros and Cons of Red Light Areas: The Situation in Hamburg." 5-15 Tory Building.
19 October, noon
Ira Wasserman, Department of Sociology, Anthropology, and Criminology, Eastern Michigan University, "Women's Suffrage in Oregon, 1908-1912." 5-15 Tory Building.

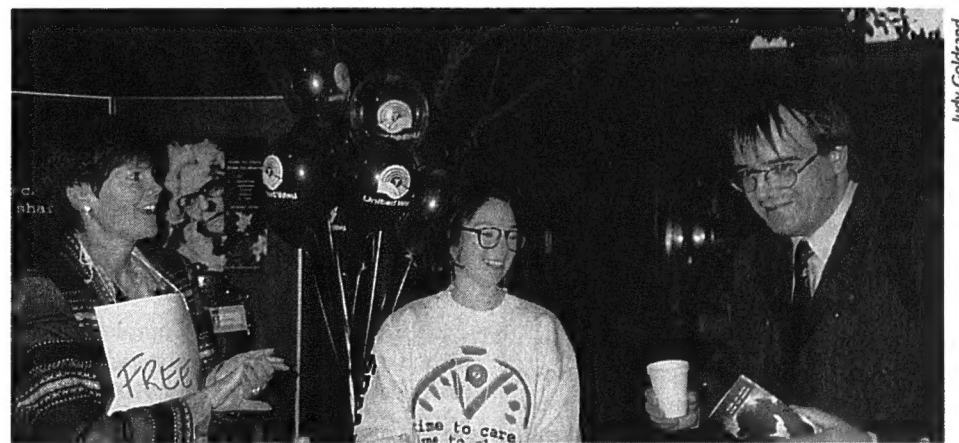
UNIVERSITY TEACHING SERVICES

11 October, 3 pm
Bruce H Ziff, "The Best Made (Lesson) Plans...Gant Aft Agley." 281 CAB.
12 October, 3:30 pm
Dianne K Kieren, "The Ties That Nurture: Mutually Supportive Relationships for Teaching and Professional Life." 281 CAB.
13 October, 3:30 pm
Maurice Legris, "How to Write Better: A Few Suggestions." 281 CAB.
17 October, 3 pm
Lahoucine Ouzgane, "Responding to Student Writing." 281 CAB.

ZOOLOGY

11 October, 12:30 pm
Kim Christopher, "Involvement of Calcium in Serotonin-Stimulated Cilia Beat Frequency." G-114 Biological Sciences Centre.

This symbol denotes environmentally-related seminars/events. If you wish to have an environmentally-related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.



COFFEE 'N' (UNITED WAY) CONVERSATION

Explaining the role of United Way to Dr Matthias Zimmer, Visiting Professor in Political Science, are Ann Kelly (Services for Students with Disabilities), left, and Louise Jenkins (History and Classics). Free coffee was distributed along with information to kick off the Campus Campaign, the goal of which is \$260,000. Co-chairs Glenn Harris and John Barry are writing to every U of A employee asking for their generosity.

AWARD OPPORTUNITIES

MUTTART DIABETES RESEARCH AND TRAINING CENTRE ACCEPTING PILOT PROJECT RESEARCH PROPOSALS

The Muttart Diabetes Research and Training Centre was formed in June 1981 at the University of Alberta, through an endowment by the Gladys and Merrill Muttart Foundation.

The objectives of the Centre are to provide core laboratory facilities for the Centre's investigators; to provide start-up funding for pilot research projects; to train investigators interested in diabetes-related research; and to encourage interaction between investigators of the various disciplines and health professionals involved in diabetes research and the care of diabetic patients.

In keeping with these objectives, the Centre is now accepting diabetes-related pilot project proposals. Applicants must have an academic appointment in any Faculty (Medicine or other) at the U of A. If the applicant is not a member of the Muttart Diabetes Research and Training Centre, he/she must be sponsored by a member. This stipulation is intended to adhere to the objectives and mission of the MDRTC, which includes attracting into diabetes research those excellent scientists whose expertise can enhance the research accomplishments of the MDRTC.

Regulations governing pilot project research grants and application forms may be obtained by contacting: Mrs Brenda Bohne, Administrative Assistant, 458 Heritage Medical Research Centre CW. Telephone 492-6855.

The deadline for submission of applications is 31 October 1994.

EVENTS

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS LIBRARY

Until 15 November

"Beyond Words: An Exhibition of Manuscripts and Manuscript Facsimiles." Gallery hours: Monday to Friday, 8:30 am to 4:30 pm. B7 Rutherford South.

CLOTHING AND TEXTILES COLLECTION

Until 18 November

"Made in Canada - Women's Factory Clothing 1935-70." This museum exhibit of women's clothing examines the history and characteristics of the Canadian garment manufacturing sector with specific refer-

ence to the production of women's wear. The exhibit also discusses the nature of Canadian fashion and the possible effects of recent trade agreements upon the garment industry. Hours: Monday to Friday, 8:30 am to 5 pm. Information: Cathy Roy, 492-3826. Basement, Home Economics Building.

EXTENSION CENTRE GALLERY

Until 30 October

"An Exhibition of Works by Students in the Faculty of Extension's Summer Program." Gallery hours: Monday to Thursday, 8:30 am to 8 pm; Friday, 8:30 am to 4:30 pm; Saturday, 8:30 to 11:30 am. Information: 492-3034. 2-54 University Extension Centre.

McMULLEN GALLERY

Until 6 November

"Arpilleras: A Message of Universal Hope - Contemporary Chilean Folk Art" - the Friends of University Hospitals are pleased to present an artistic commentary

depicting the political and social life of Chile from 1973 to 1993. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm; Monday, Tuesday, Thursday, 6 to 8 pm. Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

FILM

DEPARTMENT OF GERMANIC LANGUAGES

11 October, 7:15 pm

Der Schritt vom Wege (1939) - German with English subtitles. 141 Arts Building.

MUSIC

DEPARTMENT OF MUSIC

20 October, 7 pm

Kilburn Memorial Artist - Heinz Hollinger will give a master class on 20th century performance techniques. 1-29 Fine Arts Building.

POSITIONS

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

ACADEMIC STAFF

APO POSITION, UNIVERSITY SECRETARIAT

The University Secretariat seeks applications for an Administrative Professional Officer to act in a senior administrative and legislative capacity in relation to a number of key University committees including: GFC Academic Appeals Committee (academic standing appeals); University Appeal Board (student discipline appeals); GFC Campus Law Review Committee (Code of Student Behavior); and the GFC Committee

on Admissions, Academic Standing and Transfer (chaired by the Associate Vice-President (Academic)). The person in this position will develop and deliver educational programs for associate deans and student appeal advisors with respect to appeals processes, and will have a number of other general legislative responsibilities.

Ideally, applicants will have a postsecondary degree and directly-related experience, preferably in a Faculty Office. The successful candidate will have outstanding analytical and communication skills and the ability to engender the confidence of all constituent groups in the University, including that of opposing parties to an appeal. This APO will be a proactive problem-solver and will have a demonstrated ability to apply complex regulations in a sensible manner. Since the University Secretariat provides links between and among the legislative, judicial and executive branches of University governance, related experience in these areas will be an asset.

The person in this position reports to the Director of the University Secretariat and

Executive Assistant to the President, and will work with a small team of other staff in the University Secretariat in an environment that is collegial, open and consultative. The University Secretariat is a unit which responds rapidly to the changing needs of both the President's Office and senior University committees; as a result, staff duties can change quickly.

Letters of application, a résumé and the names of at least three referees should be sent to: Ms Ellen Schoeck, Director of the University Secretariat and Executive Assistant to the President, 2-1 University Hall, by 31 October 1994. The salary range of this position is under review. The ideal start date is 1 December 1994.

SUPPORT STAFF

To obtain information on support staff positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall. You can also call the Job Information line at 492-7205 (24 hours) or consult the weekly *Employment Opportunities Bulletin*.

ADS

ACCOMMODATIONS FOR RENT

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University inquiries welcome, 492-7044.

EXECUTIVE two storey on ravine in Capitol Hill! Unique interior, completely renovated in keeping with the old style. 1 October possession or sooner. \$2,000/month, lease. Western Relocation, 434-4629.

ST ALBERT - 2,300', completely renovated, former Hillview showhome. Three bedrooms, double attached garage, built-in vac, window coverings, intercom, all appliances. \$1,500/month. 1-2 year lease. Western Relocation, 434-4629.

TERWILLEGAR HEIGHTS - Fully furnished, executive luxury. Three bedrooms upstairs, two bedrooms downstairs. All amenities. \$2,300/month firm. Western Relocation, 434-4629.

MODERN! MILLCREEK! Perfect! Upper floor furnished condo. Southwest exposure, one bedroom, den, jacuzzi tub. Eight month

lease, nonsmokers, no pets. \$800/month. Western Relocation, 434-4629.

HOUSESIT - Greenfield, upgraded bungalow with finished basement. Fully furnished, \$200/month. 15 October - 15 April. Western Relocation, 434-4629.

BLUE QUILL - Southwest executive two storey, three bedroom. Double attached garage. \$1,200/month, 1 October. Western Relocation, 434-4629.

ROYAL GARDENS - Three bedroom bungalow. Finished basement, garage, \$875/month, immediate. Western Relocation, 434-4629.

COURTYARD of Riverbend, luxury townhomes. Fireplace, double attached garage, full basement, rents from \$995. Phone 430-6381.

NEAR UNIVERSITY - Completely furnished one bedroom, fantastic view, pool. Short/long term, suitable for visiting professor. 433-7165, 492-5301.

WEST END - Central, fully furnished bungalow. Low rent plus utilities. November to March. 484-8946.

BONNIE DOON - Bright, quiet, one bedroom basement, carpet. \$305. 465-2632.

LENDRUM - Home (unfurnished), just south of the School for Deaf. On bicycle route, no pets, no garage. \$700, utilities extra. Information at 434-6791.

REDUCED RENT for special care. Comfortable bungalow, 15 minutes from downtown/University. Available 1 November - 30 April. 483-8678.

ONE BEDROOM apartment, Varscona Tower. Furnished, 10-minute walk to University. Includes utilities, washer, dryer, private parking, swimming pool. \$600/month. Call collect, 1-403-238-1373 or 1-403-266-4396 (Calgary).

RENT IN WINDSOR PARK, three bedroom view home. Walk to campus. \$1,200/month. 433-0212.

10149 SASKATCHEWAN DRIVE - Two bedrooms, full baths, and parking. \$650. 437-4161.

ROOMMATE REQUIRED - Available immediately, one bedroom in nice older home three blocks from campus. Share with two other grad students. \$300/month. All utilities and laundry facilities included. \$225 deposit. Call Ian at 435-7861 or Craig at 436-1909 for information.

AFFORDABLE, spacious, four bedroom house only 10 minutes from campus. All appliances included! Pets and boyfriends welcome. If interested, please contact Tad at 482-7290.

HOUSESIT (with cat) - Belgravia, fully furnished. Rent \$250/month plus utilities. End October - March/April. 436-9701.

INTERESTED in buying, selling or leasing a condominium? Call me first. Available from \$33,000 to \$474,500. Ask for Connie Kennedy, condo consultant/specialist, 25 years. Re/Max, 488-4000.

ACCOMMODATIONS FOR SALE

VICTORIA PROPERTIES - Knowledgeable, trustworthy realtor with Edmonton references will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. (604) 595-3200, Lois Dutton, Re/Max ports west, Victoria, B.C.

McKERNAN - Renovated, two bedroom bungalow. Hardwood floors, quiet cul-de-sac, walk to University, landscaped yard. Must be seen! \$132,000. 11116 75 Avenue. 437-6761.

AFFORDABLE downtown condo. Top floor balcony, fireplace, five appliances. Minutes to University. Spacious studio could accommodate a loft. Well-maintained building near Jasper Avenue. Priced for quick sale at \$52,500. Noel Brown, Sutton, 454-6092.

CONVENIENCE, privacy, security at Garneau Gardens. Underground parking. Beautiful hardwood and ceramic tile. Prime location, close to University. Too good to last too long. Call today. Andrew Patterson, Re/Max, 462-5000.

BELGRAVIA - Quiet location. Three bedroom, three bathroom home with double garage, fireplace. Newer Berber carpets, four appliances included. Walking distance to the University. Marjorie King, Spencer, 435-0808, 435-0395.

THE OWNERS will consider a car in trade on this two bedroom, two bathroom condo. Newer oak kitchen, upgraded carpet. Near the legislature, handy to the University. Marjorie King, Spencer, 435-0808, 435-0395.

BEAUTIFUL, executive loft condo at Hampton Village. A must to see - right next to University. Reg MacDonald, Re/Max, 439-7000.

CENTRAL - Take the LRT to work. Three bedroom home (or one with two studies). Ideal for professional couple. Character, many recent upgrades. \$77,000. Linda Kempo, Sunshine, 465-2200.

BY OWNER - Belgravia, newer executive home, open plan, four bedrooms, four bathrooms. Minutes to University. Mature landscaping. 11627 75 Avenue. 438-9002.

LAURIER HEIGHTS - River valley view, hillside bungalow. Three bedrooms, 1,750' up, 1,250' down. Fifteen minutes to University, ten minutes to downtown. \$239,000. Ward Chancellor, Re/Max, 488-4000.

GRANDVIEW BUNGALOW - 1,280', \$169,900. Exceptional backyard, double attached garage, fully finished basement,

three baths, two fireplaces. Quality Built Home. Sherry Mailo, Re/Max, 438-7000.

UNIVERSITY AREA - upgraded bungalow, \$136,900. Exceptional basement suite, excellent revenue. Main floor shows beautifully. Oak cabinets, ceramic floors, countertop. Double detached garage. Sherry Mailo, Re/Max, 438-7000.

NEW LISTING - Lynnwood, three bedroom bungalow. Fireplace, double garage. Two bedroom suite down. Nice fenced yard, garden. Close to school. \$122,500. Motivated. Florence Thompson, Spencer Realty, 435-0808.

UNIVERSITY AREA CONDO - Two bedrooms and two full bathrooms with all river view. Includes parking, water, heat and indoor facilities, ground floor stores, restaurant. Close to all amenities. Open house 9 October, 2-4 pm, #907 10149 Saskatchewan Drive. 438-6228.

WINDSOR PARK home, view, split-level, three bedrooms, large lot. \$235,000. 433-0212.

INTERESTED in buying, selling or leasing a condominium? Call me first. Available from \$33,000 to \$474,500. Ask for Connie Kennedy, condo consultant/specialist, 25 years. Re/Max, 488-4000.

ACCOMMODATIONS WANTED

QUIET, nonsmoking, university student will housesit. Please call Sarah at 438-7326.

GOODS FOR SALE

CASH PAID FOR APPLIANCES - 432-0272.

AUTOMOBILES

'84 Peugeot S.T.I. black sedan with leather interior, air-conditioning, power windows, steering, mirrors and sunroof. Alloy wheels. One owner. \$3,250. 487-4175.

SERVICES

DONNIC WORD PROCESSING - Since 1978, specializing in theses, manuscripts and editing 453-2769.

DAVID RICHARDS CARPENTRY - Certified journeyman NAIT. Complete interior/exterior residential and commercial renovations including plumbing/electrical. References available. 436-6363.

HOME CLEANING - Hardworking, bonded staff. Reasonable rates. Able Maids, 440-0993.

ILLUSTRATION SERVICES - Scientific, educational, medical, humour. Dr Julia Keenlside, 440-4342.

MIKE REININGER RENOVATIONS - Maintenance and handyman services. Five years' experience. 429-0244.

TECH VERBATIM Word Processing. Résumés, theses, medical terminology. Donna, 440-3714.

PATRICIA CRAIG Business and Editorial Services - Technical editing, word processing, tape transcription. APA/MLA styles. Campus. References. 488-9665.

LEARN THE INTERNET: personalized instruction on accessing valuable Internet resources specific to your field. Chris and Josie Hammond-Thrasher, 433-3677. cthrashe@gpu.srv.ualberta.ca.

helping make it happen...

Services include:

- poster & brochure design
- publication and newsletter design
- digital slide imaging
- technical illustration, poster sessions
- typesetting, image manipulation
- presentation and conference display design

Graphic Design Services

TECHNICAL RESOURCE GROUP

supporting teaching and research

a partner in the

For more information call 492-3461

4-31 Mechanical Engineering Building

Faculty of Extension
University of Alberta

Land of the Jaguar Kings

Feb 14 - 28, 1995

Includes:
Join us for this tour to some of the most interesting sites in the Mayan world: Tikal, Lamanai, Cahal Pech, Lake Atitlan, Caracol, Macal River Caves, Xunantunich, Panti Medicine Trail, Belize City, Guatemala City, Chichicastenango, and more.

Call Mr Val Smyth at
492-0166 for information.

University of Alberta Edmonton

The Senate

invites members of the public to nominate candidates for

Honorary Degrees

The University of Alberta awards Honorary Degrees to individuals who have made outstanding contributions during their lives.

Nominees may be of local, national or international reputation and need not be of Canadian Citizenship.

Nomination forms, available from the Senate Office, must be received duly completed by **Tuesday, 1 November 1994.**

Enquiries should be addressed to:

The Senate
150 Athabasca Hall
Edmonton, Alberta T6G 2E8
Phone (403) 492-2268

SENATE TRAVEL

For Your Convenience

NOW OPEN SATURDAYS
10 AM to 4 PM

Throughout the winter

Come by or call

9006 - 112 St. Hub Mall, University of Alberta
Edmonton, Alberta

Tel: (403) 492-2756

Global diversification is a necessity in today's world markets. But what is the best way?

International mutual funds offer diversification and global reach with professional management: a vital combination which is usually unavailable to the small investor.

As with any type of investment, a diversified portfolio minimizes risk and provides a wide range of growth opportunities. Now, global investment has become an essential element of any portfolio as the world economy increasingly transcends borders. Global markets bring a vastly wider choice of investment options and increase the opportunity for impressive returns, including foreign currency gains - a dollar invested in international markets appreciated twice as much in the eighties as one that was invested in North America. Today, global investing makes more sense than ever. If you are seeking the dual benefits of global investing; enhanced returns and diversification, and would like receive a complimentary global investment package, please contact

Sylvia Haak

497-3222

ScotiaMcLeod

Building Relationships for Life

Back problems?
Headaches?
Tension?
Injuries?
Stress?

The European pain relief alternative! Heat, massage, chiro-gymnastics, interferential electricity. Maria Kreig, spine specialist, trained in Germany. Reimbursable by supplementary health care.

BACK
BASICS
Remedial Therapy

11610
75 Ave.
436-8059



PLEASE RECYCLE
THIS PAPER

OIL CHANGE SPECIAL

QUAKER STATE 5W30 QSX INCLUDES:
lube, oil, filter and 21 point
inspection; We'll check the front
end, shocks, hoses, belts, lights,
brakes, tires, exhaust and fluids

\$16.95
With coupon
Disposal Fee extra
Applies to
most vehicles
Expires Oct. 25

The TIRE Warehouse
"Complete Car Care Centres"

Also specialize in tune ups, brakes, front-ends and shocks.

SOUTHSIDE OPEN LATE
4717-99 St. 437-4555 Mon.-Fri. 7-9 Sat. 7-6
CENTRAL
10550-116 St. 17108-102 Ave
Mon.-Fri. 7-6 Sat. 7-5 Mon.-Fri. 7-6 Sat. 7-5

The Tire Warehouse offers a complete range
of tire and automotive services and products.
Discounts available for U of A Staff and
Students (with valid ID)

CAMPUS TOWER SUITE HOTEL

In the of the University

of Alberta Campus across from the
University Hospital, a warm fire is
burning. Campus Tower's contemporary
atmosphere provides a quiet ambience
for hotel guests on a daily, weekly, or
monthly basis.

Campus Tower is definitely
the only place to stay in the
University area!

Amenities

- bachelor, one and two bedroom suites
- fully equipped kitchens • exercise room • meeting rooms • restaurant • complimentary parking • daily shuttle service to West Edmonton Mall

Special University Rates:

\$62.00 per day - one bedroom suite
\$85.00 per day - two bedroom suite

Weekly and monthly discounts
are available
rates are subject to change

Special rates offered to the University
of Alberta for meeting rooms

Reservations

Phone (403) 439-6060
FAX (403) 433-4410



CAMPUS TOWER
11145-87 Avenue
Edmonton, Alberta
T6G 0Y1

Catherine M. Fletcher D.D.S.

DENTIST

#980, 8215-112 Street
College Plaza 3
Edmonton, Alberta
T6G 2C8
439-2266

Our hours are:

Monday to Thursday
8:00 am - 4:00 pm

ARTranslation Inc.
Translation & Editing Services

Annie Robberecht

Certified Translator (ATIA, STQ)

Tel. 438-6105 Fax 436-9027
Full Editing Services Available in French



**50 great smiles to
meet
you
at**

COMPLIMENTARY
WEEKEND
PARKING
U
ZONE ONLY
WITH MINIMUM
\$2 PURCHASE

HUB
INTERNATIONAL MARKETPLACE
89th Ave. & 112 St.

PRIZES TO SMILE ABOUT

Patria

under new management

Receive **FREE**
small coffee
with mininum
\$3.99 purchase

10% off
all purchases
2 - 5pm Mon.-Fri.

* Valid with coupon only
* Expires Oct. 15/94
* Not valid with other promotions

10% OFF
ALL COLOURS
& PERMS

HOT RAZOR

HAIRSTYLISTS

\$2 OFF
ALL CUTS BEFORE
NOON MON.-FRI.

* Valid with coupon only
* Expires Oct. 30/94
* Not valid with other promotions

Edo Japan

Get one
FREE
fountain pop
(12 oz.),
coffee or tea
with the purchase of a
regular priced menu item.

* Offer valid from Oct. 1-14/94
* HUB location only
* Not valid with any side orders,
discounts or other promotions

fabric care

All pants
30% off
the regular
price

* Valid with coupon only
* Expires Oct. 21/94
* HUB location only
* Not valid with other promotions

**Ho Ho
Chinese Food**

FREE
Small
Soft Drink

with every purchase
of \$3.95

* Valid with coupon only
* Expires Oct. 15/94
* Not valid with other promotions

FREE
8x10
with any
portrait
package

**CAMERA
EXPERT**
**HUB
PHOTO**

* Valid with coupon only
* Expires Oct. 30/94

BUY 6

GET

COOKIES
By Geiger

3

FREE

* Valid with coupon only
* Expires Oct. 15/94
* HUB location only
* Not valid with other promotions

**HUB
FOOD MART**

**FREE
COKE**
(355 ml)

with every
\$10
purchase

* Valid with coupon only
* Expires Oct. 21/94
* Not valid with other promotions

**2 FREE
COKES**
(355 ml)

with every
\$20
purchase

**Delicious
Donuts**

1 dozen donuts
\$4.75 (Reg. \$5.25)

1/2 dozen donuts
\$2.75 (Reg. 3.25)

10 oz. coffee &
muffin or toast
\$1.50

* Valid with coupon only
* Expires Oct. 15/94
* Not valid with other promotions

LOUIE'S

**Ham
Submarine**
&
12 oz.

fountain drink

\$2.99 + GST

* Valid with coupon only
* Expires Oct. 15/94
* Not valid with other promotions

Smile, you're at HUB!

Match 5 of our merchant smiles with the correct store name to cash in for one of the following prizes:
A&W Rootbeer, Java Jive Coffee, Taco Time Crustos or Taco Chips.

PLUS All entries will be entered into our draw to win:

- Alberta Ballet tickets
- Edmonton Space & Science Centre tickets
- Edmonton Symphony Orchestra tickets
- A \$100 Silver & Bead Emporium / Halikarnas gift certificate

Enter draw at HUB Administration Office

Name: _____ Ph. #: _____

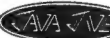
Co-sponsored by:



SILVER & BEAD EMPORIUM /
HALIKARNAS



ALBERTA BALLET



Rules & Regulations:

1. All prizes must be accepted as awarded
2. FREE prizes available to the 1st 400 entrants
3. Prizes available at the HUB Administration Office - #209, 9005 - 112 St.
Office hours - Mon - Fri, 8:00am - 4:30pm
4. Contest closes Friday, Oct. 14 at 4:30pm

Smile #	Store Name

HUB
INTERNATIONAL MARKETPLACE
environmentally conscious

89th Ave. & 112 St.